

## CLAIMS

- [c1] 1. A method in a computer system for searching for a drawing number related to a part in a generator, the method comprising:
- receiving a part identification, the part identification being associated with the part in the generator;
- receiving a generator identification;
- searching for a drawing number, wherein the drawing number search is based on the part identification and the generator identification; and
- providing an indication of the drawing number found in the search.
- [c2] 2. The method of claim 1 wherein the generator identification is a generator type.
- [c3] 3. The method of claim 1 wherein the generator identification is a shop order identification.
- [c4] 4. The method of claim 1 further comprising receiving a request to perform a search.
- [c5] 5. The method of claim 1 further comprising receiving a cooling method associated with the generator.

[c6] 6. A drawing number search system comprising:

a generator receiving means for receiving information related to a generator, the generator information including a generator identification;

a part receiving means for receiving information related to a part, the part information including a part identification;

a searching means for searching for a drawing number based on the generator information and the part information; and

a results means for providing an indication of the drawing number found in the search.

[c7] 7. A drawing number search system in a drawing number search computer comprising:

a submission component for receiving information related to a generator and for receiving information related to a part in a generator, the generator information including a generator identification, and the part information including a part identification;

a database for storing drawing numbers and drawing number information, the drawing number information including part information and generator information associated with individual drawing numbers;

a search component that determines a drawing number based on the generator information and the part information received by the submission component; and

an indication component that indicates the drawing number found in the search.

[c8] 8. The system of claim 7 wherein the generator identification is a generator type.

[c9] 9. The system of claim 7 wherein the generator identification is a shop order identification.

[c10] 10. The system of claim 7 wherein the submission component receives a request from a user to perform a search.

[c11] 11. A computer-readable medium whose contents cause a computer to search for a drawing number related to a part in a generator by a method comprising:

receiving a part identification, the part identification being associated with the part in the generator;

receiving a generator identification;

searching for a drawing number, wherein the drawing number search is based on the part identification and the generator identification; and

providing an indication of the drawing number found in the search.

[c12] 12. The computer-readable medium of claim 11 wherein the generator identification is a generator type.

[c13] 13. The computer-readable medium of claim 11 wherein the generator identification is a shop order identification.

[c14] 14. The computer-readable medium of claim 11 further comprising receiving a request to perform a search from a user.

[c15] 15. A method in a user computer for searching for a drawing number related to a part in a generator, the method comprising:

receiving a part identification from a user, the part identification being associated with the part in the generator;

receiving a generator identification from a user;

transmitting the part identification and the generator identification to a drawing number search server; and

receiving from the drawing number search server a drawing number associated with the part identification and the generator identification.

- [c16] 16. The method of claim 15 further comprising transmitting a request to search to the drawing number search server.
- [c17] 17. The method of claim 15 further comprising displaying the drawing number found in the search to a user.
- [c18] 18. The method of claim 15 wherein the generator identification is a generator type.
- [c19] 19. The method of claim 15 wherein the generator identification is a shop order identification.
- [c20] 20. The method of claim 15 wherein the drawing number search server determines a drawing number based on the part identification and generator identification received from the user computer.
- [c21] 21. The method of claim 15 further comprising receiving a cooling method associated with the generator from a user.
- [c22] 22. A computer-readable medium whose contents cause a user computer to request a search for a drawing number related to a part in a generator by a method comprising:

receiving a cooling method associated with the generator from a user;

receiving a part identification from a user, the part identification being associated with the part in the generator;

receiving an identification of the generator;

transmitting the part identification and the generator identification to  
a drawing number search server, wherein the drawing  
number search server determines a drawing number based  
on the part identification and generator identification received  
from the user computer;

receiving from the drawing number search server a drawing number  
associated with the part identification and the generator  
identification; and

displaying the drawing number found in the search to a user.

[c23] 23. The computer-readable medium of claim 22 further comprising transmitting  
a request to search to the drawing number search server.

[c24] 24. The computer-readable medium of claim 22 wherein the generator  
identification is a generator type.

[c25] 25. The computer-readable medium of claim 22 wherein the generator  
identification is a shop order identification.

[c26] 26. A computer-readable medium containing a data structure for use by a  
drawing number search system, the data structure comprising:

an indication of a generator identification, wherein the generator  
identification is a generator type or a shop order identification; and

an indication of a part identification, wherein the part identification is  
associated with a part in the generator.

[c27] 27. The computer-readable medium of claim 26 further comprising an indication of a drawing number, the drawing number being associated with the generator identification and the part identification.

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